

Figure 1 Human T1R2/T1R3 functions as a sweet taste receptor

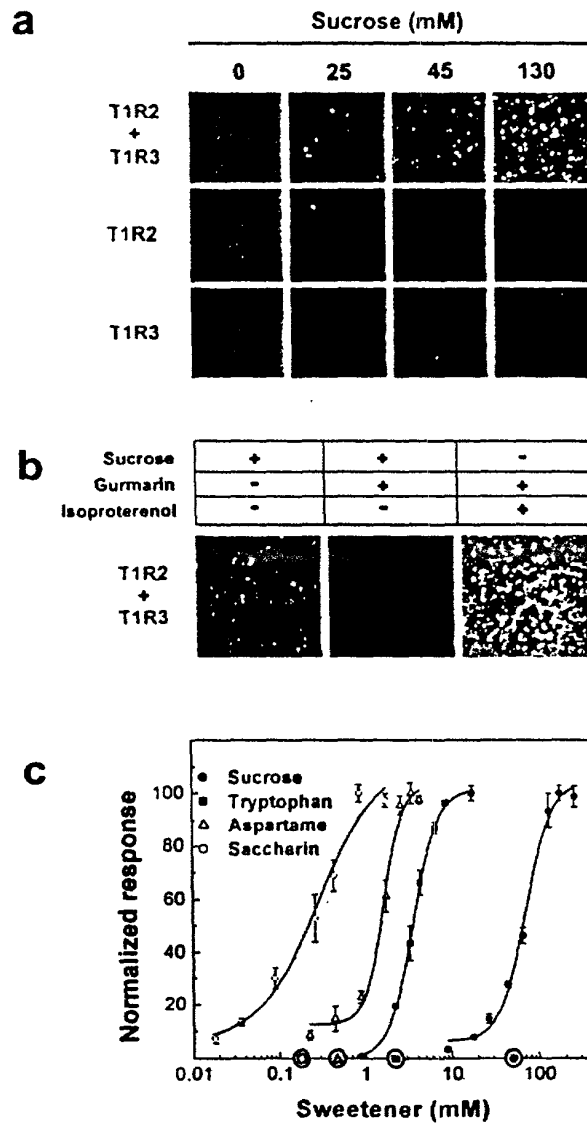
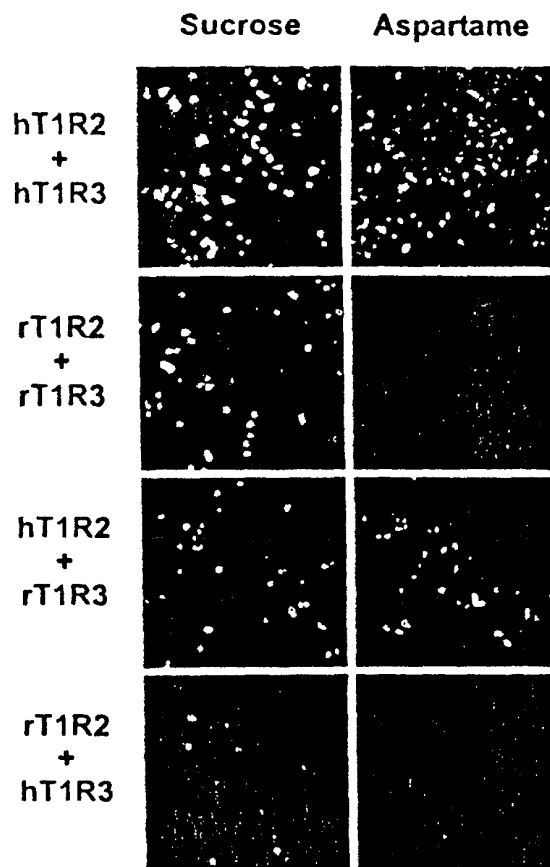
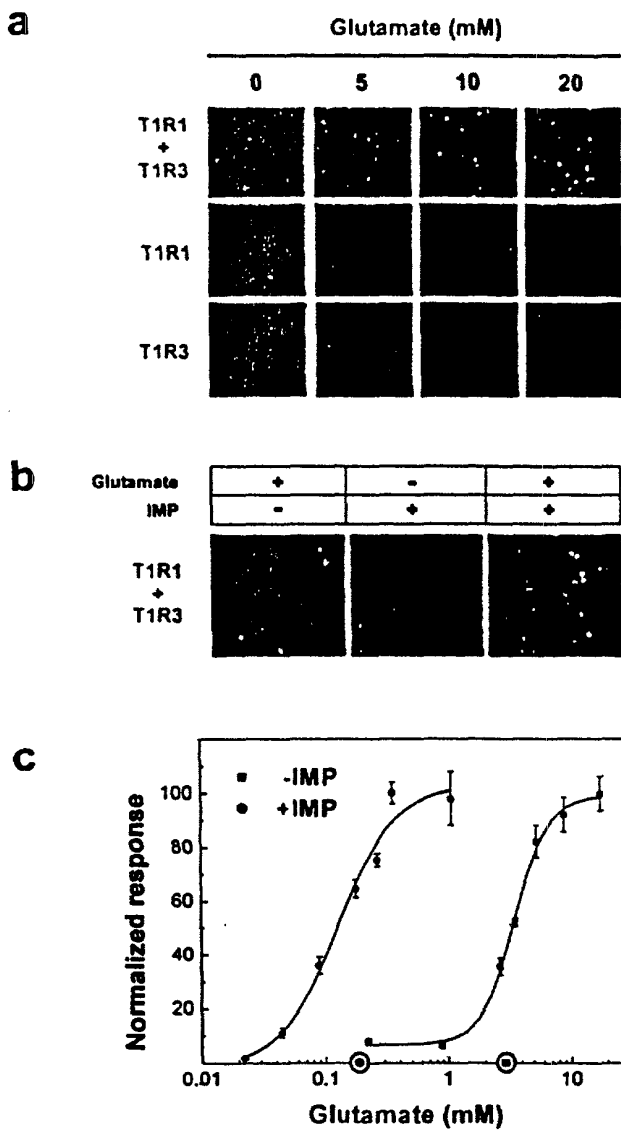


Figure 2 T1R2 may control T1R2/T1R3 ligand specificity



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Figure 3 Human T1R1/T1R3 functions as an umami taste receptor



A.



H2-IT-Myc

H2-PDZIP-IT-Myc

B.

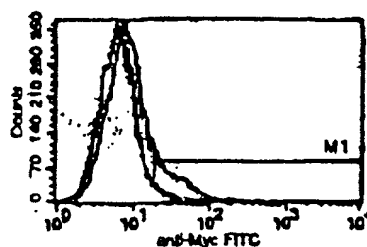


Figure 4 PDZIP facilitate the surface expression of human T1R2.

- A. Immunofluorescence staining of Myc-tagged hT1R2 indicates that PDZIP significantly increases the amount of human T1R2 protein on the plasma membrane (Staszewski, May 15<sup>th</sup>, 2001, Notebook No. 2, page 76-77).
- B. FACS analysis data demonstrating the same result (Staszewski, June 4<sup>th</sup>, 2001, Notebook No. 2, page 79). Myc-tagged human T1R2: Green line. Myc-tagged human T1R2 with PDZIP: black line.

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Figure 5

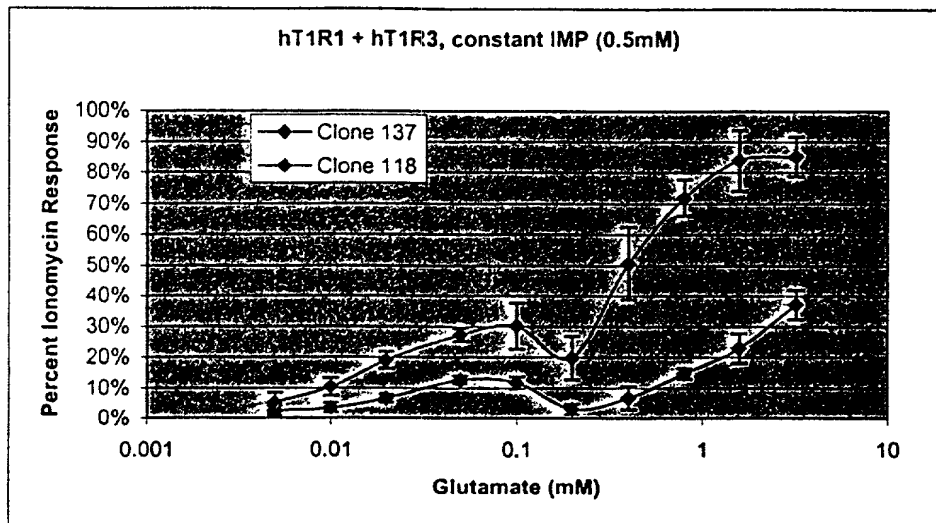


Figure 6

